

**Endeavor Data Summary  
Deepwater Horizon Oil Spill  
Cruise 6/28/2010 (revised)**

Review Date 6/30/2010

**Summary:**

CTD graphs for the stations sampled on 6/28/2010 were provided on 6/30/2010. No other data was provided with the CTD graphs. This cruise summary report (for 6/28/2010) is labeled 'revised' so that it includes information from the daily summary report, received on 6/29/2010, as well as the data from the CTD graphs, received on 6/30/2010.

This sampling report presents data collected from the Endeavor for the period of 6/28/2010. CTD graphs for stations EN17 – EN20 for this review. No map was available at the time of this review.

Four (4) CTD casts were conducted during this reporting period: EN17 – EN20.

All stations were sampled for: TPH, VOAs, CTD fluorometry and dissolved oxygen. No samples were collected for bioassay using the Rototox test. Samples were collected from approximately 15 meters to approximately 1500 meters below water surface.

Due to rough seas, Sentry was not deployed. Science operations concluded and Endeavor is sailing back to port (36 hour steam).

**CTD Fluorometry & Dissolved Oxygen (data collected from 6/28):**

CTD graphs indicate decreased dissolved oxygen from approximately 1120 meters to approximately 1200 meters. No fluorescence data was included on the CTD graph.

**LISST (data collected from 6/28):**

No LISST data was provided for this reporting period.

**Toxicity Testing (Rototox Assay) (data collected from 6/28):**

No samples were collected for Rototox Assay.

**Chemical Analyses (TPH and VOCs) (data collected from 6/28):**

Forty-four (44) samples were collected for VOC analysis and forty-six (46) separate samples were collected for TPH analysis. No data were provided for review at this time due to laboratory lag time.

**24-Hour Outlook:**

Final sample transfer and demobilization scheduled for 6/30/2010.